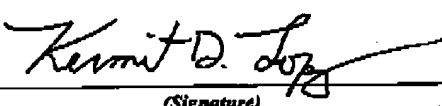


JAN 18 2007

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8) Applicant(s): ALEX NUGENT			Docket No. 1000-1216
Application No. 10/748,631	Filing Date 12-30-2003	Examiner TRAN, MAI T	Group Art Unit 2129
Invention: APPLICATION OF HEBBIAN AND ANTI-HEBBIAN LEARNING TO NANOTECHNOLOGY-BASED PHYSICAL NEURAL NETWORKS			
<p>I hereby certify that this <u>Notice of Appeal</u> <i>(Identify type of correspondence)</i></p> <p>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>(571) 273-8300</u>)</p> <p>on <u>January 18 2007</u> <i>(Date)</i></p> <div style="text-align: right; margin-top: 40px;"> <u>Kermit D. Lopez</u> <i>(Typed or Printed Name of Person Signing Certificate)</i>  <u>Kermit D. Lopez</u> <i>(Signature)</i> </div> <p style="text-align: center; margin-top: 40px;"> Note: Each paper must have its own certificate of mailing. </p>			

P18/REV02

JAN 18 2007

**NOTICE OF APPEAL FROM THE PRIMARY EXAMINER TO
THE BOARD OF PATENT APPEALS AND INTERFERENCES (Small Entity)**Docket No.
1000-1216

In Re Application Of: Alex Nugent

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/748,631	12-30-2003	TRAN, MAI T		2129	7487

Invention: Application of Hebbian and Anti-Hebbian Learning to Nanotechnology-based Physical Neural Networks

COMMISSIONER FOR PATENTS:

Applicant(s) hereby appeal(s) to the Board of Patent Appeals and Interferences from the decision of the Primary Examiner dated **October 30, 2006** finally rejecting Claim(s)

Applicant is a small entity under 37 CFR 1.9 and 1.27.

☒ Applicant claims small entity status. See 37 CFR 1.27The fee for this Notice of Appeal is: **\$250.00**☒ A check in the amount of the fee is enclosed.☐ The Director has already been authorized to charge fees in this application to a Deposit Account.☐ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No.☒ Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.



Signature

Dated: January 18, 2007

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

(Date)

Signature of Person Mailing Correspondence

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P13SMALL/REV11